

**City of Belmont
Community Development
Permit Center**



**One Twin Pines Lane
Suite 110
Belmont, CA 94002**

Solar Pool Water Heating Standard Plan for One- and Two-Family Dwellings

SCOPE: Use this plan ONLY for solar pool heating (SPH) systems not exceeding a thermal output rating of 30kWth on the roof of a one- or two-family dwelling or accessory structure used for residential solar pool heating. Systems must be in compliance with current California Building Standards Codes and local amendments of the authority having jurisdiction (AHJ). Other Articles of the California Mechanical Code (CMC), Electrical Code (CEC), California Plumbing Code (CPC), and California Building Code (CBC), or other California health and safety Codes shall apply.

MANUFACTURER'S SPECIFICATION SHEETS MUST BE PROVIDED for the proposed collectors, controller, pumps, storage tanks/heat exchanger, heat transfer fluid details, diverting valve, and mounting systems. Installation instructions for all equipment shall be provided. Listed and labeled equipment shall be installed and used in accordance with any instructions included in the listing or labeling. Equipment intended for use with this installation shall be identified and listed for the application.

Job Address: _____ Permit #: _____

Contractor/ Engineer Name: _____ License # and Class: _____

Signature: _____ Date: _____ Phone Number: _____

Total # of Collectors Installed _____

Total Collector Area _____

Collector Certification Number (include certifying agency) _____

Collector Material _____

Max Height Above Roof _____ Height Above Ground _____

Major Components (for SPH systems)

Solar Controller Make/Model _____

Solar Pump/Circulator Make/Model _____

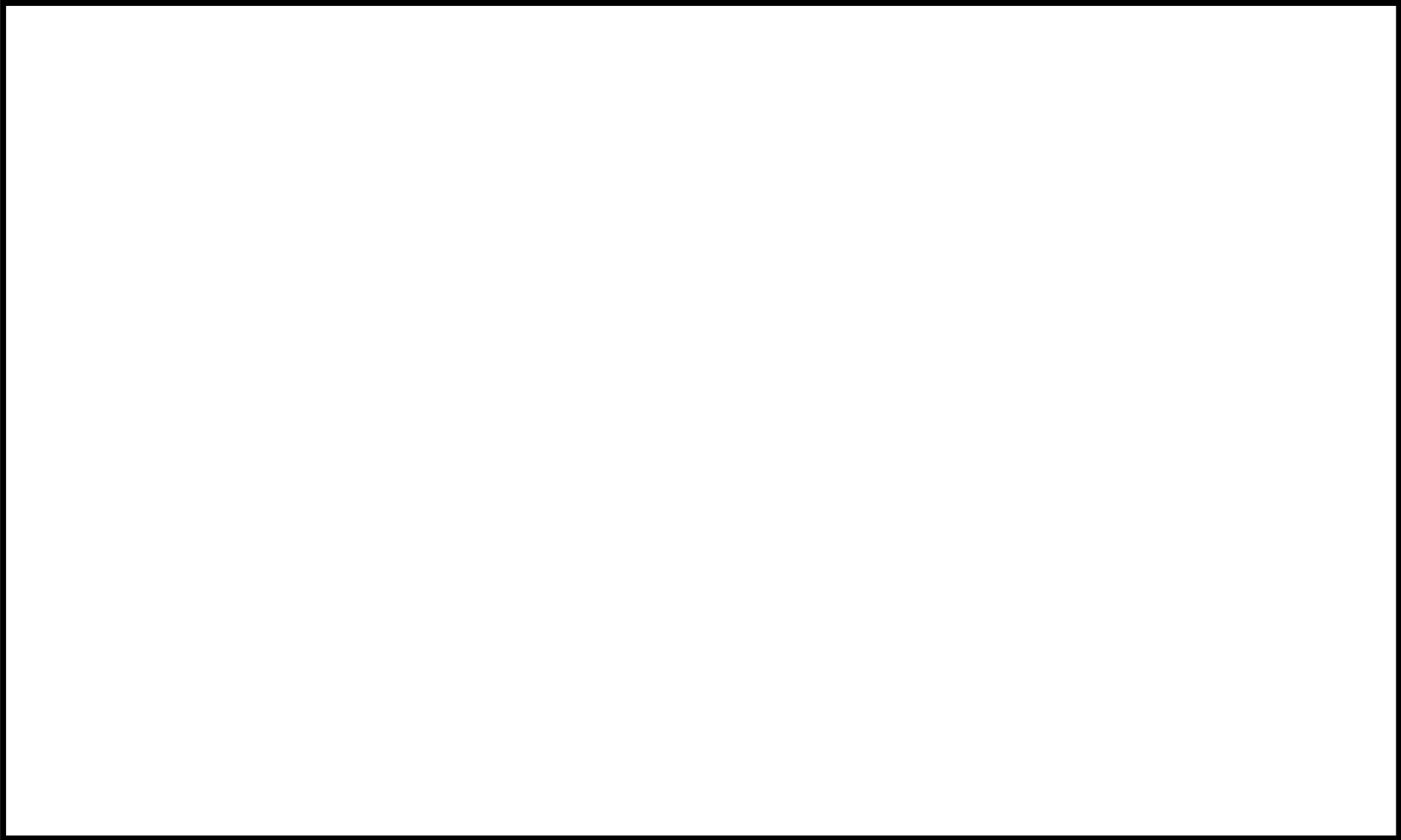
Diverting Valve Make/Model _____

Mounting Hardware Make/Model or Type _____

Does All data, Listed Above, Substantially Match Those Data Used For Certification? Yes No

Solar Pool Heating—STANDARD PLAN

Roof Layout Diagram for One- and Two-Family Dwellings



Items required: roof layout of all collectors, components, clear access pathways, and roof access points.